

BRUHATH BANGALORE MAHANAGARA PALIKE

SCHEDULE - B

Name of Work : Modified Estimated for Improvements & Asphaltting to Kammagondanahalli Main Road from SM road to Srirama Temple, in Shettyhalli Sub Division, Ward NO. 12

Sl. No.	Description	Unit	Qty	Approved Rates	
				In Figs	In Words
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	1072.18	65.88	Rupees Sixty five and eighty eight paise only
2	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications	Cum	286.70	1760.40	Rupees One thousand seven hundred and sixty four paise only
3	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	714.29	1121.04	Rupees One thousand and twenty one and zero four paise only
4	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	2857.16	44.28	Rupees forty four and twenty eight paise only
5	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machines complete as per specifications. With 80/100 Grade bitumen	Cum	60.43	6646.32	Rupees Six thousand six hundred and forty six and thirty two paise only

Executive Engineer
Dasarahalli Zone

EXECUTIVE ENGINEER-4
KRADE, BHM, DIVISION,
BANGALORE-560 010
Signature of the Controller

[Signature]

[Signature]

6	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	5211.50	2.59	Rupees two and fifty nine paise only
7	Tack Coat:- Providing and applying tack coat with bitumen emulsion using pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, complete as per specifications. Using Bitumen Emulsion	Sqm	5211.50	11.99	Rupees eleven and ninety nine paise only
8	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II)	Cum	205.80	9631.44	Rupees Nine thousand six hundred thirty one and forty four paise only
9	Carriage of mixed materials 10 kms. For item of Sl. No. 1 c) rs. 5.20 per cum/km	Cum	266.23	56.16	Rupees Fifty six and sixteen paise only
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the Engineer in charge of the work, lead 10 kms a) Basic rate for haulage of materials as per item No.17.4 etc Rs. 2.00 Tonne/km b) Average earth of work 1.28 Tonne/km for Rs. 2.00/km. c) Add loading and unloading	Cum	1052.00	72.71	Rupees Seventy two and seventy one paise only